

**ABSTRACT**

Durable silver particulate treatments for yarns and textile fabrics are provided. Such treatments provide, as one example, an antimicrobial fiber and/or textile fabric which remains on the surface and retains its antimicrobial characteristics after a substantial number of standard launderings and dryings. The method of adherence to the target yarn and/or fabric may be performed any number of ways, most preferably through the utilization of a binder system. The particular method of adherence, as well as the treated textile fabrics and individual fibers are also encompassed within this invention.

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